



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
HANS-CHRISTIAN HAUGLI) Atty. Docket No.: 120360-00145
Serial No. 09/646,773) Examiner: Mais, Mark A.
Filed: September 22, 2000) Group Art Unit: 2664
For: TDMA PACKET DATA) Confirmation No.: 7775
COMMUNICATION SYSTEM)

STATEMENTS FOR REASONS FOR ALLOWANCE

Box: Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: May 20, 2005

Sir:

The Examiner has set forth Reasons for Allowance in the Notice of Allowability. The Examiner has not found a packet-switched satellite data communication system having an earth control station and remote terminals that communicate wirelessly, where the control station receives data packets to be routed to the remote terminals, inputs the data packets into a DSP that outputs a multiple carrier baseband signal that produces multiple data channels, wherein the DSP dynamically assigns data packets destined for a particular remote terminal to one or more data channels, and the DSP also generates a control channel carrying control information pertaining to the assigned data channels, and simultaneously transmitting the multiple data channels and the control channel by performing digital-to-analog conversion on the multiple channels to produce an analog baseband signal and each of the remote terminals receives the analog baseband signal, performs analog-to-digital conversion, and buffers the digitized packets in a buffer while continuously monitoring the buffer for control information from the control channel, and processing the control information to extract the proper packet data over the one or more data channels assigned to the particular remote terminal by the DSP.

Respectfully submitted,

By:

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